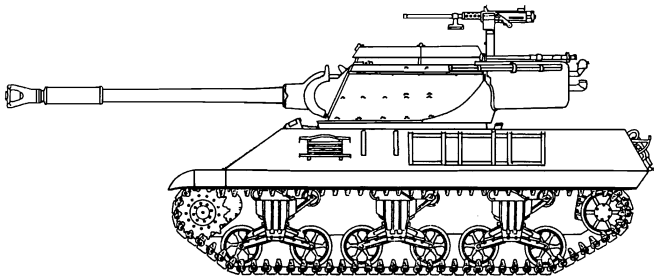


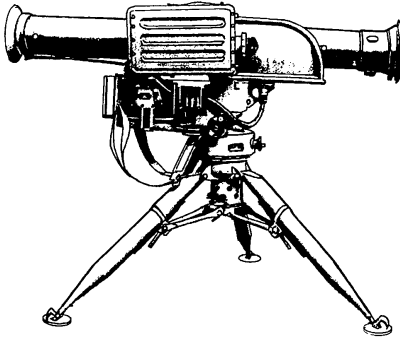
U.S. Self-Propelled Antitank Gun M36

 <p>M36B2</p>	<table><tr><th>Weapons & Ammunition Types</th><th>Typical Combat Load</th></tr><tr><td>90-mm gun APFSDS-T, HVAP, HEAT-T or APC HE</td><td>47</td></tr><tr><td>12.7-mm bustle MG API, API-T, APDS-T</td><td>1,000</td></tr></table>	Weapons & Ammunition Types	Typical Combat Load	90-mm gun APFSDS-T, HVAP, HEAT-T or APC HE	47	12.7-mm bustle MG API, API-T, APDS-T	1,000
Weapons & Ammunition Types	Typical Combat Load						
90-mm gun APFSDS-T, HVAP, HEAT-T or APC HE	47						
12.7-mm bustle MG API, API-T, APDS-T	1,000						
<p>SYSTEM Alternative Designations: INA Date of Introduction: 1944 Proliferation: At least 5 countries Description: Crew: 5 Combat Weight (mt): 27.7/30.8 for M36B1/29.9 for M36B2 Chassis Length Overall (m): 5.98 Height Overall (m): 3.19 Width Overall (m): 3.05 Ground Pressure (kg/cm²): 0.95/0.86 M36B2</p> <p>Automotive Performance: Engine Type: 500-hp Gasoline/375-hp Diesel for M36B2 Chassis: M-10 tank destroyer Cruising Range (km): 177 Speed (km/h): Max Road: 42/40 M36B2 Max Off-Road: INA Average Cross-Country: 29 Max Swim: N/A Fording Depth (m): 0.91/1.07 M36B2</p> <p>Radio: INA</p> <p>Protection: Armor, Turret Front (mm): 76 Applique Armor (mm): N/A Explosive Reactive Armor (mm): N/A Active Protective System: N/A Mineclearing Equipment: N/A Self-Entrenching Blade: N/A NBC Protection System: No Smoke Equipment: No</p> <p>ARMAMENT Main Armament: Caliber, Type, Name: 90-mm (50 Cal) rifled gun, M3 Rate of Fire (rd/min): 8 est Loader Type: Manual Ready/Stowed Rounds: INA Elevation (°): -10 to +20 Fire on Move: No</p> <p>Auxiliary Weapon: Caliber, Type, Name: 12.7-mm machinegun, M2HB Mount Type: Turret bustle</p>	<p>Maximum Aimed Range (m): 2,000 Max Effective Range (m): Day: 2,000 Night: N/A Fire on Move: Yes Rate of Fire (rd/min): 550</p> <p>ATGM Launcher: None</p> <p>FIRE CONTROL FCS Name: INA Main Gun Stabilization: No Rangefinder: No Infrared Searchlight: No Sights w/Magnification: Gunner: Day: INA Night: No Commander Fire Main Gun: No</p> <p>VARIANTS M36B1: Variant uses an M4A3/Sherman tank chassis. M36B2: Variant uses an M10 chassis with plate canopy protection.</p> <p>MAIN ARMAMENT AMMUNITION Caliber, Type, Name: 90-mm HVAP, INA Maximum Aimed Range (m): INA Max Effective Range (m): Day: 1,000 Night: N/A Armor Penetration (mm): 195 at 1,000 m</p> <p>90-mm APFSDS-T, Mear 90 Maximum Aimed Range (m): 1,000-2,000 Max Effective Range (m): Day: 1,000+ Night: N/A Armor Penetration (mm): INA</p> <p>90-mm HEAT-T, Yugoslavian M74 Maximum Aimed Range (m): INA Max Effective Range (m): Day: 1,000 Night: N/A Armor Penetration (mm): 150 (30° impact) at 1,000 m</p> <p>Other Ammunition Types: HE M71, APC-T M82</p>						

NOTES

This type vehicle is historically referred to as a "tank destroyer". The above label is more modern. The baseline vehicle has an open-top turret.

Chinese ATGM Launcher Red Arrow-8

	<table><tr><th>Weapons & Ammunition Types</th><th>Typical Combat Load</th></tr><tr><td>ATGM Launcher Total</td><td>Ground 1-5</td></tr><tr><td>HEAT ATGM</td><td>Vehicle 8-12</td></tr></table>	Weapons & Ammunition Types	Typical Combat Load	ATGM Launcher Total	Ground 1-5	HEAT ATGM	Vehicle 8-12
Weapons & Ammunition Types	Typical Combat Load						
ATGM Launcher Total	Ground 1-5						
HEAT ATGM	Vehicle 8-12						
<p>SYSTEM Alternative Designations: Hongjian-8, RA-8, HJ-8 Date of Introduction: 1986 Proliferation: At least 4 countries Description: Crew: 4 Primary Mount: Ground mount on tripod, including operator prone Alternate Mounts: APC, ATGM Launcher Vehicle, jeep, helicopter Weight Overall, Excluding Missile (kg): 63 Length Overall in Firing Position (m): 1.57 (missile canister) Height Overall In Firing Position (m): INA Width Overall In Firing Position (m): INA</p> <p>ARMAMENT Launcher Name: Red Arrow 8 Launch Method: Tube-launched from carrying canister Elevation (°) (-/+): -7 to +12 Rate of Launch: (missiles/min): 2-3, depending on range Reaction Time (sec): INA Emplacement Time (min): INA Displacement Time (min): INA Ready/Stowed Missiles: INA</p> <p>FIRE CONTROL FCS Name: Guidance: SACLOS Command Link: Wire Beacon Type: Incandescent infrared bulb Tracker Type: IR Susceptible To Countermeasures: IR jammer, smoke, counterfire Counter-countermeasures: Jamming CM (NFI) Rangefinder: INA</p>	<p>Sights w/Magnification: Gunner: Day: Name INA, 12x Field of View (°): INA Acquisition Range (m): INA Night: PTI-32 Thermal sight available (copy of Thorn EMI) Field of View (°): INA Acquisition Range (m): 4,000 detection/2,000 identification</p> <p>VARIANTS Baktar Shikan: Pakistani variant, also called Green Arrow. Missile data is similar to Red Arrow-8A</p> <p>AMMUNITION Antitank Guided Missiles Name: Red Arrow-8A Alternative Designation: HJ-8A Missile Weight (kg): 24.5 (in tube), 22.5 ready for launch Warhead Type: Shaped Charge (HEAT) Armor Penetration (mm): 800 Minimum/Maximum Range (m): 100/3,000 Probability of Hit (%): 90 Average Velocity (m/s): 220 Time of Flight to Max Range (sec): 13.6</p> <p>Name: Red Arrow-8E Alternative Designation: HJ-8E Missile Weight (kg): 24.5 (in tube), 22.5 ready for launch Warhead Type: Tandem Shaped Charge (HEAT) Armor Penetration (mm): 900 Minimum/Maximum Range (m): 100/4,000 Probability of Hit (%): 90 Average Velocity (m/s): 210 Time of Flight to Max Range (sec): 19</p> <p>Other Missiles: There may be -8, -8B and -8C versions of the ATGM; however, the above are more likely for encounter.</p>						

NOTES

Although the launcher is portable, it too heavy for one-man carry. Vehicle mounts are jeeps, such as the Chinese BJ-212 and BJ 2023 C, and APCs such as the Chinese WZ-551 and Type 90 APC. A Chinese four launcher turret has been fitted on ATGM launcher vehicles including the Chinese YW 531, WZ-551, and YW 534, and Chilean Piranha. Helicopter mounts are the Chinese Zhi-9 (license-built SA-354N/Dauphin 2) and French Antelope.